	DOT	For receiving Office use only							
	PCT	International Application	17 SEP 2004						
	DECLIECT	,							
	REQUEST	International Filing Date							
inter	ndersigned requests that the present national application be processed ng to the Patent Cooperation Treaty.	Name of receiving Office	ce and "PCT International Application"						
		Applicant's or agent's f (if desired) (12 characte	file reference P8558PC						
Box No. I	TITLE OF INVENTION								
	A transcutaneous port de	evice							
Box No. II	APPLICANT This perso	n is also inventor							
The address mus	ress: (Family name followed by given name; for a legal en It include postal code and name of country. The country of ant's State (that is, country) of residence if no State of residen	he address indicated in this	Telephone No.						
Вох В те оррпо	,	•	Facsimile No.						
	TRANSCUTAN AB Björnflokevägen 35		Teleprinter No.						
	S-162 45 Vällingby		Teleprinter No.						
	Sweden		Applicant's registration No. with the Office						
State (that is, o	country) of nationality: Sweden	State (that is, country) of residence: Sweden							
This person is for the purpos			the United States the States indicated in the Supplemental Box						
Box No. III	FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(S)							
The address mu	ress: (Family name followed by given name; for a legal en at include postal code and name of country. The country of ant's State (that is, country) of residence if no State of residen	the address indicated in this	This person is: applicant only						
	LUNDGREN, Dan		X applicant and inventor						
	Askims Kyrkväg 5		inventor only (If this check-box						
0	S-436 51 Hovås Sweden		is marked, do not fill in below.)						
	Sweden		Applicant's registration No. with the Office						
State (that is,	country) of nationality: Sweden	State (that is, country, Sweden) of residence:						
This person is		ted States except States of America	the United States of America only the States indicated in the Supplemental Box						
for the purpos	applicants and/or (further) inventors are indicated								
Box No. IV	AGENT OR COMMON REPRESENTATIV	E; OR ADDRESS FOR	CORRESPONDENCE .						
The person ic	lentified below is hereby/has been appointed to acount(s) before the competent International Authoritie	on behalf X	agent common representative						
Name and ad	dress: (Family name followed by given name; for a legal e The oddress must include postal code and name of	ntity, full official designation. country.)	Telephone No. +46 8 702 08 30						
	Sundström, Per & Nilsso STENHAGEN PATENTBYRÅ AB P.O.Box 4630		Facsimile No. +46 8 640 98 58						
	S-116 91 Stockholm Sweden		Teleprinter No.						
	Swedell	Agent's registration No. with the Office							

Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Sheet No. . 2....

	ND/OR (FURTHER) INVENTOR(S)
If none of the following sub-boxes is used, this sheet should not Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	ny, full official designation. This person is:
NYMAN, Rickard Svartbäcksgatan 41 S-753 32 Uppsala Sweden	applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nationality: Sweden	State (that is, country) of residence: Sweden
This person is applicant all designated all designated for the purposes of:	d States except the United States of America only the Supplemental Box
Name and address: (Family name followed by given name; for a legal enti The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	he address indicated in inis
State (that is, country) of nationality:	State (that is, country) of residence:
This person is applicant for the purposes of: all designated all designated the United S	the United States except the United States the States indicated in the States of America only the Supplemental Box
Name and address: (Family name followed by given name; for a legal ent The address must include postal code and name of country. The country of t Box is the applicant's State (that is, country) of residence if no State of residen	the address indicated in this
State (that is, country) of nationality:	State (that is, country) of residence:
	ted States except States of America The United States the States indicated in States of America only the Supplemental Box
Name and address: (Family name followed by given name; for a legal er The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of reside	the address indicated in this
State (that is, country) of nationality:	State (that is, country) of residence:
This person is applicant all designated all designated for the purposes of:	ated States except the United States the States indicated it is states of America only the Supplemental Bo
Further applicants and/or (further) inventors are indicate	ed on another continuation sheet.

					,	
Box No. V	DE	SIGNA	(OIT)	v or	STA	TES

Mark the applicable check-boxes below; at least one must be marked.

Th	e fol	lowing designations are hereby made	unc	der Rule 4.9(a):			
Re	gio	nal Patent		•			
X	AP ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line)						
Ø	EA	RU Russian Federation, TJ Tajikis Patent Convention and of the PCT	tan,	zerbaijan, BY Belarus, KG Kyrgyzstan, TM Turkmenistan, and any other State v	whic	ch is	a Contracting State of the Eurasian
	EP European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT						
Ø	OA	GA Gabon, GN Guinea, GQ Equa TD Chad, TG Togo, and any other	tori Stat	Benin, CF Central African Republic, CG al Guinea, GW Guinea-Bissau, ML Mal te which is a member State of OAPl and a lify on dotted line)	i, M a Co	IR N ontra	Nauritania, NE Niger, SN Senegal, cting State of the PCT (if other kind
Na	tion	al Patent (if other kind of protection	or	treatment desired, specify on dotted line):			
		United Arab Emirates	M	GM Gambia	Ø	NZ	New Zealand
		Antigua and Barbuda	図	HR Croatia	Ø	OM	I Oman
		Albania	図	HU Hungary		PH	Philippines
Ø	AM	Armenia	Ø	ID Indonesia	囟	PL	Poland
Ø	ΑŢ	Austria	Ø	IL Israel	Ø	PT	Portugal
図	ΑU	Australia	凶	IN India			
Ø	ΑZ	Azerbaijan	Ø	IS Iceland	Ø	RU	Russian Federation
M	BA	Bosnia and Herzegovina	Ø	JP Japan			
図	BB	Barbados	X	KE Kenya	Ø	SC	Seychelles
			Ø	KG Kyrgyzstan	Ø	SD	Sudan
Ø	BR	Brazil	Ø	KP Democratic People's Republic	×	SE	Sweden
X	BY	Belarus		of Korea	Ø	SG	Singapore
X	ΒZ	Belize	Ø	KR Republic of Korea	Ø	SK	Slovakia
区	CA	Canada	M	KZ Kazakhstan			
Ø	CH	& LI Switzerland and Liechtenstein	Ø	LC Saint Lucia	\square	TJ	Tajikistan
X	CN	China	Ø	LK Sri Lanka	\boxtimes	TM	Turkmenistan
X	CO	Colombia	Ø	LR Liberia	Ø	TN	Tunisia
Ø	CR	Costa Rica	囟	LS Lesotho	Ø	TR	Turkey
図	CU	Cuba	X	LT Lithuania	\boxtimes	TT	Trinidad and Tobago
X	CZ	Czech Republic	Ø	LU Luxembourg			
図	DE	Germany	Ø	LV Latvia			United Republic of Tanzania
				MA Morocco			
図	DM	Dominica	図	MD Republic of Moldova			
Ø	DΖ	Algeria				US	United States of America
				MG Madagascar			
M	EE	Estonia	X	MK The former Yugoslav Republic of			
		Spain		Macedonia	Ø	VC	Saint Vincent and the Grenadines
		Finland					Viet Nam
		_		MWMalawi			
		Grenada		MX Mexico			
				MZ Mozambique			
ΧŢ	GH	Ghana	X	-NO Norway	K	ZW	Zimbabwe
Che	eck-t	ooxes below reserved for designating	Stat	es which have become party to the PCT a	after	issu	nance of this sheet:
Pre	caut	ionary Designation Statement: In	adc	lition to the designations made above, the	арт	olica	nt also makes under Rule 4.9(b) all

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Sheet	Ma		4	

Box No. VI PRIORITY	CLAIM							
The priority of the following earlier application(s) is hereby claimed:								
Filing date	Number	Where earlier application is:						
of earlier application (day/month/year)	of earlier application	national application: country	regional application:* regional Office	international application: receiving Office				
item (1) 08.04.2002	0201054-4	Sweden						
item (2)								
item (3)								
item (4)								
item (5)								
Further priority claims	are indicated in the Suppleme	ental Box.						
The receiving Office is requifithe earlier application was above as:	filed with the Office which for	the purposes of this intern	ational application is the	other, see				
* Where the earlier applicati	ion to on APIPO emploation i	ndicate at least one country	ay party to the Paris Com	Supplemental Box pention for the Protection of				
Industrial Property or one M	fember of the World Trade O	rganization for which that	earlier application was j	îled (Rule 4.10(b)(ii)):				
	TIONAL SEARCHING AU							
Choice of International Se international search, indicate	arching Authority (ISA) (if	two or more International o-letter code may be used)	Searching Authorities ar	e competent to carry out the				
ISA /								
Request to use results of e International Searching Auti	arlier search; reference to	that search (if an earlier	search has been carried	out by or requested from the				
Date (day/month/year)	Num	ber Cou	untry (or regional Office)					
Box No. VIII DECLARA	TIONS							
The following declarations check-boxes below and indic	are contained in Boxes Nos	s. VIII (i) to (v) (mark the umber of each type of decle	applicable aration):	Number of declarations				
Box No. VIII (i)		Declaration as to the identity of the inventor :						
Box No. VIII (ii)	Declaration as to the app date, to apply for and be	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent :						
Box No. VIII (iii)	Declaration as to the app date, to claim the priorit	plicant's entitlement, as a y of the earlier application	at the international filing on	:				
Box No. VIII (iv)	Declaration of inventors United States of America		s of the designation of th	e :				
Box No. VIII (v)	Declaration as to non-pr	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty:						

Sheet No.

Box No. IX CHECK LIST; LANGUAGE O	OF FILING			
This international application contains: (a) the following number of sheets in paper form:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items		
request (including declaration sheets) : 5 description (excluding	 1.	: 1 :		
sequence listing part) : 5 claims : 2 abstract : 1 drawings :1	4. Copy of general power of attorney; reference number, if any: 5. statement explaining lack of signature	· · :		
Sub-total number of sheets: 14	6. priority document(s) identified in Box No. VI as item(s):(.1.)	: 1		
sequence listing part of description (actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (b) below) :	7. translation of international application into (language):	:		
Total number of sheets : 14	9. sequence listing in computer readable form (indicate also ty and number of carriers (diskette, CD-ROM, CD-R or other)))		
 (b) sequence listing part of description filed in computer readable form (i) □ only (under Section 801(a)(i)) 	(i) copy submitted for the purposes of international sea under Rule 13ter only (and not as part of the international application)	:		
(ii) in addition to being filed in paper form (under Section 801(a)(ii))	(ii) (only where check-box (b)(i) or (b)(ii) is marked in column) additional copies including, where application the copy for the purposes of international search un	ble,		
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which the sequence listing part is contained (additional copies to be indicated under item 9(ii), in right column):	Rule 13ter (iii) together with relevant statement as to the identity of the copy or copies with the sequence listing part mentioned in left column	:		
	10. other (specify):	:		
Figure of the drawings which should accompany the abstract:	Language of filing of the international application: Swedish			
	T, AGENT OR COMMON REPRESENTATIVE graing and the capacity in which the person signs (if such capacity is not obvious from	reading the request)		
D. C. C. and receipt of the purported	— For receiving Office use only	. Drawings:		
Date of actual receipt of the purported international application:		received:		
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:				
Date of timely receipt of the required corrections under PCT Article 11(2):		not received		
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid			
Data of propint of the moord conv	For International Bureau use only	-		
Date of receipt of the record copy by the International Bureau:				

Sheet	No.				

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)
The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:						
thereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.						
his declaration is directed to the international application of which it forms a part (if filing declaration with application).						
This declaration is directed to international application No. PCT/. SE03/00527 (if furnishing declaration pursuant to Rule 261er).						
I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.	1					
I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed. No. 0201054-4, Sweden, 8 April 2002 Prior Applications:						
I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.						
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
Name: LUNDGREN, Dan						
Residence: Hovås, Sweden (city and either US state, if applicable, or country)						
Mailing Address: Askims Kyrkväg .5	1					
S-436 51 Hovås, Sweden	-					
Citizenship: Sweden						
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) Date: April 6, 2003 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)						
Name: NYMAN, Rickard						
Uppsala, Sweden Residence:	•					
Mailing Address: Svartbäcksgatan 41	•					
S-753 32 Oppsala, Sweden						
Citizenship: Sweden /	•					
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) Date: April 19, 2003 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	е					

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

Sheet No. ...

Box No. VIII (ii) DECLARATION: ENTITLEMENT TO APPLY FOR AND BE GRANTED A PATENT

The declaration must conform to the standardized wording provided for in Section 212; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (ii). If this Box is not used, this sheet should not be included in the request.

Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:

in relation to this international application,

TRANSCUTAN AB is entitled to apply for and be granted a patent by virtue of the following:

an assignment from

LUNDGREN, Dan, Askims Kyrkväg 5, S-436 51 Hovås, Sweden and

NYMAN, Rickard, Svartbäcksgatan 41, S-753 32 Uppsala, Sweden

to TRANSCUTAN AB, dated April 6 resp. April 14, 2003.

This declaration is made for the purposes of all designations, except the designation of the United States of America.

This declaration is continued on the following sheet, "Continuation of Box No. VIII (ii)".

Sheet No.

Box No. VIII (iii) DECLARATION: ENTITLEMENT TO CLAIM PRIORITY

The declaration must conform to the standardized wording provided for in Section 213; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iii). If this Box is not used, this sheet should not be included in the request.

Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):

in relation to this international application,

TRANSCUTAN AB is entitled to claim priority of earlier application

No. 0201054-4

by virtue of the following:

an assignment from LUNDGREN, Dan and NYMAN, Rickard to

TRANSCUTAN AB, dated April 6 resp. April 14, 2003.

This declaration is made for the purposes of all designations, except the designation of the United States of America.

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iii)".